Recreational Use Attainability Analysis

Cover Sheet

Water Body Name: factory (rock	
Water Body Identification #: _ <u>%</u> り	
Completed UAA Checklist: ☐ Pre-Field Preparatory Data Sheet ☐ Maps with actual survey sites marked ☐ Data Sheet A ☐ Data Sheet B — 3 of 3 pages for each site ○ Number of Sites: — ♀ ♀ √ √ 5% ☐ Data Sheet C (if applicable) ○ Number of Interviews: ☐ Photographs ○ Quantities ■ Upstream — ♀ ↓ √ 5% ■ Downstream — ♀ ↓ √ 5% ■ Other — ⊋	
I, the undersigned, hereby affirm to the best of my kn is true and accurate.	owledge, that all information reported in this UA
Signed: Jonathan S. Boarr Organization: Letra Fech	

<u>Pre-Field Preparatory Data Sheet</u> <u>for Recreational Use Stream Surveys</u>

Water Body Name: (from USGS 7.5' quad)	wy Creek
8-digit HUC:	Missouri Water Body Identification (WBID) #: You
County: Moniteau	
Upstream Legal Description: 38.7	7801 - 92.43866
Downstream Legal Description: 38,77	
Discharger Facility Name(s): A quest of	
Discharger Permit Number(s): MONGO	
Weather Conditions for Past 7 days:	

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest.

wBID # 884

Date: 6/25/2008

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet A - Water Body Identification

Water Body Name: Factory Creek
WBID #: 🔻 🖔 ひႷ
Jpstream Coordinates:
WGS 84, ddd.ddddd) 38.74872, -92.49400
Downstream Coordinates:
WGS 84, ddd.ddddd) 38.77139, -92.42380
Current Weather Conditions:
Number of Sites Evaluated: (p
Name(s) of Surveyor(s):
Jon Bearr, Alex Porteous

WBID # <u>404</u> Site # <u>792</u>

Date: 06/25/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

	38.77095		Arrival Time:	
Longitude (ddd.dddd):	₩097 4 02 8 4		AP 6-25-2	
Photo Ids: Upstream:	[Downstream:	Other:	17:40
5 0	24	80 3		
		scribe access point to stream, r		
15+ crossing	on facto	ory creek drive		
rrounding Condition as of interest.)	ns*: (Mark all that p	promote or impede recreationa	l uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☑ Steep slopes	☐ Other:	1
man Uses Observed	l*:			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
	l			
☐ Hunting	☐ Trapping	☐ Fishing	None of the above	☐ Other:
		☐ ☐ Fishing reating, frequency of use, photon		
Describe: (include numb	er of individuals rec			
Describe: (include numb	er of individuals rec	reating, frequency of use, photographic		of recreational uses, et
Describe: (include numb	er of individuals rec	reating, frequency of use, photents Dock/platform	o-documentation of evidence	of recreational uses, et
Describe: (include numb	e*: Graph Foot paths/pring Foot paths/pring	reating, frequency of use, photents Dock/platform	o-documentation of evidence	
Describe: (include numb dence of Human Us Roads Rope swings	e*: Graph Foot paths/pring Foot paths/pring	reating, frequency of use, photents Dock/platform	o-documentation of evidence	of recreational uses, et
Describe: (include numb dence of Human Us Roads Rope swings	e*: Graphing Sites	reating, frequency of use, photents Dock/platform	□ Livestock Watering □ NPDES Discharge	of recreational uses, et
Describe: (include numb	e*: Graphing Sites	reating, frequency of use, photents Dock/platform Fire pit/ring	□ Livestock Watering □ NPDES Discharge	of recreational uses, et



te: 06 /	25106				
		Sheet B - Site Cl	naracterization – 2 o	of 3	
eam Mor Upstream	phology: View Physical Dim	ensions:		.15,.3,.2	35.7
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle					
☑ Run	20	7.5 m	20	0.23	. 3
□ Pool				<u> </u>	
☐ Flow	Present?	E No	Velocity (ft/sec):	t	
Downstre	am View Physical D	imensions:		,02,05,0	7
Downstre	Distance from	Dimensions: Width (m)	Length (m)	Avg. Depth (m)	1
Oownstre: □ Riffle			Length (m)	Avg. Depth (m)	Max Depth (m)
	Distance from		Length (m)	,	Max Depth (m)
□ Riffle	Distance from access point (m)	Width (m)		Avg. Depth (m)	1
□ Riffle □ Run	Distance from access point (m)	Width (m)	20	Avg. Depth (m) 0.05	Max Depth (m)
□ Riffle □ Run □ Pool □ Flow	Distance from access point (m) Present? Yes	Width (m) 5 m □ No	20	Avg. Depth (m)	Max Depth (m)
☐ Riffle ☐ Run ☐ Pool ☐/Flow	Distance from access point (m)	Width (m) 5 m □ No 1 up to 100%.)	Velocity (ft/sec):	Avg. Depth (m) 0.05	Max Depth (m)
☐ Riffle ☐ Run ☐ Pool ☐/Flow estrate*: 20 %	Present? Present add Cobble 70 % G	Width (m) 5 m □ No l up to 100%.) iravel 0 %	Velocity (ft/sec): Sand %	Avg. Depth (m) 0.05 0.05 Silt % Mud/0	Max Depth (m)
☐ Riffle ☐ Run ☐ Pool ☐/Flow estrate*: 20 %	Distance from access point (m) Present? Present? These values should add	Width (m) 5 m □ No l up to 100%.) iravel 0 %	Velocity (ft/sec): Sand %	Avg. Depth (m) 0.05 0.05 Silt % Mud/0	Max Depth (m)

Odor:	☐ Sewage	☐ Musky	☐ Chemical	None	☐ Other:	
Color:	☐ Clear	☐ Green	☐ Gray	⊡ Milky	☐ Other:	
Bottom Deposit:	☐ Sludge	□ Solids	Fine sediments	□ None	☐ Other:	
Surface Deposit:	□ Oil	□ Scum	□ Foam	□ None	☐ Other:	

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

_

WBID#_	804	Site # _	782
Date: (e			

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	
	_

WBID	#	804	Site # _	782	

Date: 6 / 26 / 2006

Field Data Sheets for Recreational Use Stream Surveys

	(Make addition	Data Sheet C – nal copies as necess	Interviews sary for multiple interv	views)
1. Do you live i		Yes □ No lived here?		
2. Have you per If so, plea	rsonally used thi	s water body for re hat apply:	creation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
3. Have you obs	$ \begin{array}{ccc} \square & 1-5 \text{ times} \\ \square & \text{Less than } 1 \\ \hline & & \\ \text{served others usi} \end{array} $	5 times per year s per year l time per year – pi	lease describe:	975? □ Yes □ No
	se check ALL th			
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	□ Rafting
☐ Hunting		☐ Fishing	☐ None of the above	Other:
[rved it being used for times per year per year time per year pl		
4. Additional Co	omments:			
Contact Informa Name: Address:	tion (if willing t	to provide):		
Addiess. Telephone #:				

WBID # <u>404</u> Site # <u>783</u>

Date: 06/25/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

rrounding Conditions*: (Mans of interest.) City/county parks Boating accesses No trespass sign Fenoman Uses Observed*:	tion: (Describe access point ream from from from from from from from fro	le recreational uses. A rvation lands		ce or unusual Campgrounds Stairs/walkway
rrative Description of Loca 3 0 m downst rrounding Conditions*: (Mans of interest.) City/county parks Play Boating accesses State No trespass sign Fendaman Uses Observed*: Swimming Sking Wind surfing Kay Hunting Traj	tion: (Describe access point ream from from from from from from from fro	le recreational uses. A rvation lands	Other: oads, landmarks, etc.) Attach photos of eviden Urban areas Nature trails	ce or unusual Campgrounds Stairs/walkway
rrative Description of Loca 3 0 m downst rrounding Conditions*: (Mains of interest.) City/county parks Play Boating accesses State No trespass sign Fendaman Uses Observed*: Swimming Skin Wind surfing Kay Hunting Tray	tion: (Describe access point of the parks MDC consenter parks National force Steep slopes	le recreational uses. A rvation lands	Attach photos of eviden Urban areas Nature trails	☐ Campgrounds ☐ Stairs/walkway
rrounding Conditions*: (Mains of interest.) City/county parks	rk all that promote or imped ygrounds	le recreational uses. A rvation lands	Attach photos of eviden Urban areas Nature trails	☐ Campgrounds ☐ Stairs/walkway
rrounding Conditions*: (Mains of interest.) City/county parks Play Boating accesses State No trespass sign Fenoman Uses Observed*: Swimming Skin Wind surfing Kay Hunting Trai	rk all that promote or imped ygrounds	le recreational uses. A	Urban areas Nature trails	☐ Campgrounds ☐ Stairs/walkway
□ Boating accesses □ State □ No trespass sign □ Fendaman Uses Observed*: □ Swimming □ Skite □ Wind surfing □ Kay □ Hunting □ Trap	ygrounds	rvation lands ests	Urban areas Nature trails	☐ Campgrounds ☐ Stairs/walkway
□ Boating accesses □ State □ No trespass sign □ Fender Iman Uses Observed*: □ Swimming □ Skin □ Wind surfing □ Kay □ Hunting □ Trap	te parks	ests	Nature trails	☐ Stairs/walkway
☐ No trespass sign ☐ Fendaman Uses Observed*: ☐ Swimming ☐ Skii ☐ Wind surfing ☐ Kay ☐ Hunting ☐ Trai	ce Steep slopes n diving SCUB.			<u> </u>
Iman Uses Observed*: ☐ Swimming ☐ Skin ☐ Wind surfing ☐ Kay ☐ Hunting ☐ Trap	n diving		Other: agricul	<u> </u>
☐ Swimming ☐ Skin ☐ Wind surfing ☐ Kay ☐ Hunting ☐ Trap			agrico	more
☐ Wind surfing ☐ Kay ☐ Hunting ☐ Trap		A diving		1
☐ Hunting ☐ Trap			Tubing	☐ Water skiing
	/aking ☐ Boatin	g 🗆	Wading	☐ Rafting
Describe: (include number of indi-			None of the above	☐ Other:
		•		355,
idence of Human Use*:				
□ Roads □ Foot	t paths/prints	/platform 🔲	Livestock Watering	☐ RV / ATV Track
☐ Rope swings ☐ Cam	ping Sites	oit/ring	NPDES Discharge	☐ Fishing Tackle
☐ Other:				

Date: <u>() 6 / 2</u>	<u> 51 06 </u>					
	Dat	a Sheet B - Site	Characteriz	cation – 2 o	of 3	
Stream Morph Upstream V	ology: iew Physical Dir	nensions: Cov	d not mus	en Wis	red Estiprak	Too lor
	Distance from access point (m)	Width (m)		gth (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
☐ Run						
S ∕Rool	140m	12	2	.O	>1m	>1m
☐ Flow	Present?	□ No	Velocity	(ft/sec):		
Downstrean	1 View Physical 1	Pimensions: V	nable to f	My mes	usur due to do	<u>4</u> h
	Distance from access point (m)	Width (m)	1	gth (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
D Pool	100m	12	2	0	>1.3m	71,3~
Flow	Present? Yes	©No	Velocity	(ft/sec):		
Substrate*• (Ti	hese values should ad	dum to 1009/)				
			% Sand	25 % 8	Silt	ay % Bedrock
A						
Aquatic Vegeta	tion*: (Note amoun	_	lgal growth at t	he assessmen	t site.)	
	None	observed.				
Water Charact	eristics*: (Mark al	1 that ample:				
Odor:	□ Sewage	□ Musky	☐ Chemical	Ø(No		
Color:	☐ Clear	☐ Green	☐ Gray	₩i		
Bottom Deposi			Gray Fine sedim			
Surface Depos	· · · · · · · · · · · · · · · · · · ·	☐ Scum	☐ Foam	CE No		

804 Site # 783

JAD

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WBID # 884 Site # 783

Date: 6 / 25 / 2006

Data Sheet B - Site Characterization - 3 of 3

Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).
Protocol deported due to excessive depth at site (>/m)

JAK)

WBID # 804 Site # 783

Date: 6 / 25 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

(Make additional copies as necessary for multiple interviews)

	w long have you	lived here?	10750			
If so, ples	ase check ALL t	that apply:	ecreation since 1975?	⊔ Yes ⊔ No		
☐ Swimming	Swimming					
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
	☐ 1 – 5 time ☐ Less than ————	1 time per year – p	lease describe: for recreation since 1	975? □ Yes □ No		
If so, plea	se check ALL t	hat apply:	Total Control of Since 1	773. 🗆 103		
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting		
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
]						
4. Additional Co	omments:					
Contact Informa Name:	tion (if willing	to provide):				

Address:

Telephone #:

WBID # <u>そ</u> 04	Site #	784
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Date: 06 / 25 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3
(A senarate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): N	1.35,77801		Arrival Time:	G-06
Longitude (ddd.dddd):	Wn97.43848		Arrival Time:	
Photo Ids: Upstream:		ownstream:	Other:	/125
106 - C80	2	106 - 0801		
			nearby roads, landmarks, etc.)	
			lost of factory.	
rounding Condition is of interest.)	ns*: (Mark all that p	romote or impede recreations	al uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	s Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☐ Fence	☐ Steep slopes	Other: agricu	Hure
man Uses Observed ☐ Swimming	*:	C SCUDA divino		
☐ Wind surfing		☐ SCUBA diving	☐ Tubing	☐ Water skiing
	☐ Kayaking	Boating	□ Wading	☐ Rafting
Describe: (include numb	☐ Trapping	Fishing Frequency of use pho	None of the above oto-documentation of evidence	Other:
dence of Human Us	T	· · · · · · · · · · · · · · · · · · ·		
Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:				
mana of Doll4		res, drainages, discharges, etc		

VBID #			4				4
Date: <u>06 / 5</u>	25/00						
		Data	Sheet B - Site Cha	racterization – 2	2 of 3		
tream Mor			. 1				
Upstream			ensions: No a	9065 Vi	Sual	estimate	
	Distance access p		Width (m)	Length (m)	1	g. Depth (m)	Max Depth (m)
☐ Riffle							
□ Run					4	,5 m «	
□ Pool					with:	150m of	
Flow	Present?	®YYes	□ No Net Net	Velocity (ft/sec):	depth	5 m flage of lage estimate at	- ,2 m.
Downstrea	am View P	hysical D	Dimensions:	AR 6-25-06			ss, Visual Eslim
	Distance access pe	e from	Width (m)	Length (m)		g. Depth (m)	Max Depth (m)
☐ Riffle							
⊠ Run						K	
□ Pool						1	
(SyFlow	Present?	⊘ Yes	□ No Messurable	Velocity (ft/sec): d	lepth.	estimate o	of .1
1						18.00	
ubstrate*:			The state of the s		1		
30%	Cobble	20 % 0	Gravel 50%	Sand 9	6 Silt	% Mud/Clay	% Bedrock
quatic Vege	etation*: (N	Note amoun	t of vegetation or algal	growth at the assessm	ent site.)		
			30% algre				
					1		
ater Chara	cteristics*	: (Mark all	that apply.)				

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☐ Foam

☐ Chemical

Fine sediments

☐ Gray

☑ None

☑ Milky

☐ None

☑ None

☐ Other:

☐ Other:

☐ Other:

☐ Other:

Odor:

Color:

Bottom Deposit:

Surface Deposit:

☐ Sewage

☐ Clear

☐ Sludge

□ Oil

☐ Musky

☐ Green

☐ Solids

□ Scum

WBID # \\ \[\frac{704}{25 \sqrt{2006}} \]
Date: \[\frac{6}{25} \sqrt{2006} \]

Data Sheet B - Site Characterization -3 of 3

Comments: Please describe any departures from protoco	ol and the reaso	ons for departure (e.g., unar	ticinated unique local
conditions, problems in measuring, site relocation).		the second (e.g., units	
Streambed was not guessible	Lue to	exismily Stees	slopes and
conditions, problems in measuring, site relocation). Streamself was not accessible bushed wire.			

WBID #	804	_ Site # _	784
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Date: 6 / 25 / 2006

Field Data Sheets for Recreational Use Stream Surveys

	(Make addition	Data Sheet C – I nal copies as necess	Interviews sary for multiple inter	views)		
1. Do you live i	in the area? Valong have you					
2. Have you per If so, plea	rsonally used thi ase check ALL t	s water body for re hat apply:	creation since 1975?	□ Yes □ No		
☐ Swimming	☐ Swimming ☐ Skin diving ☐ SCUBA diving ☐ Tubing ☐ Water skiing					
☐ Wind surfing						
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:		
3. Have you obs	served others usi	I time per year – pl	lease describe:	A44		
	ase check ALL the		T			
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing ☐ Hunting	☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	☐ Wading	Rafting		
I running		L Fishing	☐ None of the above	Other:		
			for recreation? ease describe:			
4. Additional Co	omments:					
Contact Informa	ation (if willing	to provide):				

Address:

Telephone #:

WBID # 404 Site # 765

Date: 06/25/06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): N	1.39.79018		Arrival Time:	
Longitude (ddd.dddd): (Photo Ids: Upstream:	W092,45789		17:1	0
Photo Ids: Upstream:	D	Oownstream:	Other:	
106 - 0799		106 - 0500		
rative Description	of Location: (Des	scribe access point to stream, ne	earby roads, landmarks, etc.)	
B 0 m de	ounstream of	786		
rounding Conditions of interest.)	ns*: (Mark all that p	promote or impede recreational	uses. Attach photos of evide	nce or unusual
☐ City/county parks	☐ Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway
☐ No trespass sign	☑ Fence	☐ Steep slopes	Other: cows	601
nan Uses Observed	*:			J
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	□ None of the above	☐ Other:
Social (Monage Manie	or or marviduals reco	reating, frequency of use, photo	-documentation of evidence	of recreational uses, etc
lence of Human Us	T			
□ Roads	☐ Foot paths/prin	ts Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle
☐ Other:				
r ces of Pollution: (e.	g., trash dumping, tii	res, drainages, discharges, etc.)		

JBB

Date: <u></u>	06/2	5/06						
		Dat	a Sheet B - Site	Charact	terization	1-2 of 3	3	
Stream Upst	_	ology: iew Physical Dir	nensions:			,	07,2,15	3/042
	Distance from access point (m)		Width (m)				Avg. Depth (m)	Max Depth (m)
□R	iffle							
□R	un							
Ľ∃∕Po	ool	20 m	1.5		2010		0.14	- 2
□ Fl	low	Present? Yes	□⁄No	Vel	locity (ft/se	c):	1	
Dow	nstrean	ı View Physical l	Dimensions:				25,3,4	3,95
		Distance from access point (m)	Width (m)		Length (n	į.	Avg. Depth (m)	Max Depth (m)
□R	iffle							
□R	un							
□Ро	ool	65 m	6 m		20		0.33	- 4
□ Fl	ow	Present?	□ Ńo	Vel	ocity (ft/sec	c):		
Substra	te*: (T)	nese values should ac	ld up to 100%.)				,	
2.4		obble 50 %		% Sand		% Silt	% Mud/Clay	25 % Bedrock
4	T 7 4 -	4 4 7.				·		<u> </u>
Aquatic	vegeta	tion*: (Note amou	nt of vegetation or a	ilgal growt	h at the ass	essment si	ite.)	
			5%	algae		···		
Water (Charact	eristics*: (Mark al	l that apply.)					
Odor:	•	☐ Sewage	□ Musky	☐ Chem	nical	□ None	☐ Other:	**************************************
Color	••	□ Clear	☐ Green	☐ Gray		☐ Milky	y 🗆 Other:	
Botto	m Depos	t: 🗆 Sludge	□ Solids	Fine s	sediments	□ None	☐ Other:	:
Surfa	ce Depos	it: 🗆 Oil	□ Scum	☐ Foam		□ None	☐ Other:	

WBID # 804 Site # 185

Pob

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WBID # 804 Site # 185
Date: 6 / 25 / 2006
Data Sheet B - Site Characterization – 3 of 3
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).

WBID #_	804	Site #	785
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Date: 7 /25 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews

(Make additional copies as necessary for multiple interviews)

Do you live in the area? □ Yes □ No If so, how long have you lived here?							
2. Have you per If so, ples	rsonally used things check ALL t	s water body for re hat apply:	ecreation since 1975?	□ Yes □ No			
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Wind surfing	☐ Kayaking	☐ Boating	☐ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
How often do you use it for recreation? ☐ More than 5 times per year ☐ 1 - 5 times per year ☐ Less than 1 time per year - please describe: ☐ An often do you use it for recreation? ☐ Less than 5 times per year ☐ Less than 1 time per year - please describe: ☐ No							
☐ Swimming	use check ALL to Skin diving	nat apply:	☐ Tubing	D W-4			
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Water skiing ☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year – please describe:							
4. Additional Co	omments:						
Contact Informa	ation (if willing	to provide):					

Address:

Telephone #:

Date: 06 / 75 / 06

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

arrative Description of I	Location: (Des	ownstream: 06-0795 cribe access point to stream, ne		55 798 (cous) 797 (cous)	
arrative Description of I	Location: (Des	06-0795		798 (cous)	
arrative Description of I	Location: (Des	06-0795		798 (cous)	
arrative Description of I	Location: (Des			79716003)	
15t crossing o		cribe access point to stream, ne			
L	on Y		earby roads, landmarks, etc.)		
rrounding Conditions*s		N of 179			
ms of interest.)	: (Mark all that p	romote or impede recreational	uses. Attach photos of evide	nce or unusual	
☐ City/county parks ☐	Playgrounds	☐ MDC conservation lands	☐ Urban areas	☐ Campgrounds	
☐ Boating accesses ☐	State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway	
☐ No trespass sign ☐] Fence	Steep slopes	☐ Other:		
ıman Uses Observed*:					
☐ Swimming ☐	Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing	
☐ Wind surfing ☐] Kayaking	☐ Boating	☐ Wading	☐ Rafting	
] Trapping	☐ Fishing	None of the above	☐ Other:	
Describe: (include number of	f individuals recr	eating, frequency of use, photo	-documentation of evidence	of recreational uses, etc	
idence of Human Use*:					
☐ Roads □	Foot paths/print	s Dock/platform	☐ Livestock Watering	□ RV / ATV Tracks	
☐ Rope swings ☐	Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle	
☐ Other:					

PB

te: <u>06</u> /_	25/06				
	Data	a Sheet B - Site Char	acterization - 2 of 3	3	
eam Morj Upstream	phology: View Physical Din	nensions:	River Bed		
	Distance from access point (m)	Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle					
□ Run					
□ Pool					
☐ Flow	Present? ☐ Yes	□ No	Velocity (ft/sec):		
Downstrea	m View Physical I	Dimensions:		.02, .04, .02	
Downstrea		Dimensions:		.02,04,.02	
Downstrea	Distance from access point (m)	Dimensions: Width (m)	Length (m)	Avg. Depth (m)	Max Depth (m)
□ Riffle	Distance from		Length (m)	,	Max Depth (m)
	Distance from		Length (m)	,	Max Depth (m)
□ Riffle	Distance from	Width (m)	Length (m)	,	Max Depth (m)
☐ Riffle☐ Run	Distance from access point (m)	Width (m)		Avg. Depth (m)	
☐ Riffle ☐ Run ☑ Pool ☐ Flow	Distance from access point (m) O m Present?	Width (m)	10 m	Avg. Depth (m)	
☐ Riffle ☐ Run ☐ Pool ☐ Flow	Distance from access point (m) O m Present?	Width (m) Market Market	Velocity (ft/sec):	Avg. Depth (m)	.04
☐ Riffle ☐ Run ☐ Pool ☐ Flow	Distance from access point (m) O m Present?	Width (m) Market Market	Velocity (ft/sec):	Avg. Depth (m)	
□ Riffle □ Run □ Pool □ Flow ostrate*:	Distance from access point (m) O m	Width (m) Market Market	Velocity (ft/sec):	Avg. Depth (m)	.04
□ Riffle □ Run □ Pool □ Flow ostrate*:	Distance from access point (m) O m	Width (m) M M M M M M M M	Velocity (ft/sec): nd	Avg. Depth (m)	.04

☐ Foam

☐ Chemical

☐ Fine sediments

☐ Gray

☐ None

☐ Milky

□ None

□ None

☐ Other:

☐ Other:

 \square Other:

☐ Other:

Odor:

Color:

Bottom Deposit:

Surface Deposit:

☐ Sewage

☐ Clear

☐ Sludge

□ Oil

☐ Musky

☐ Green

☐ Solids

☐ Scum

Job

^{*}This information is not to be used solely for removal of a recreational use designation but rather is to provide a more comprehensive understanding of water conditions. Consequently, this information is not intended to directly influence a decision on the recreation use analysis but may point to conditions that need further analysis or that affect another use.

WBID # 804 Site # 786 Date: 4 / 26 / 20α.	5
Data Sheet B - Site Characterization – 3 of 3	
Comments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local conditions, problems in measuring, site relocation).	l

WBID #_	804	_ Site #	786
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Date: 6 / 25 / 2006

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C – Interviews (Make additional copies as necessary for multiple interviews)							
 Do you live in the area? □ Yes □ No If so, how long have you lived here? 							
 Have you personally used this water body for recreation since 1975? ☐ Yes ☐ No If so, please check ALL that apply: 							
☐ Swimming	Swimming						
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting			
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:			
☐ More than 5 times per year ☐ 1 - 5 times per year ☐ Less than 1 time per year - please describe:							
	ase check ALL t						
☐ Swimming ☐ Wind surfing	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing			
☐ Hunting	☐ Kayaking ☐ Trapping	☐ Boating ☐ Fishing	☐ Wading ☐ None of the above	Rafting			
	— таррінд	risining	None of the above	Other:			
How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year - please describe:							
4. Additional Co	omments:						
Contact Informa Name:	ation (if willing	to provide):					

Address:

Telephone #:

WBID # <u>\$09</u> Site # <u>787</u>

Date: <u>06 / 25 / 06</u>

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet B - Site Characterization - 1 of 3

(A separate Data Sheet B must be completed for each site)

Latitude (ddd.dddd): &	J. 34,7687	Arrival Time:				
Longitude (ddd.dddd):	W092 4940	\circ	(6)	1630		
Photo Ids: Upstream:	I	Downstream:	Other:	30 (Barb Wire for.		
106-0794 106-0792			106	- 0793		
		South of june	, nearby roads, landmarks, etc	c.)		
J)					
rounding Conditions of interest.)	ns*: (Mark all that p	promote or impede recreation	nal uses. Attach photos of evi	dence or unusual		
☐ City/county parks	☐ Playgrounds	☐ MDC conservation land	ds Urban areas	☐ Campgrounds		
☐ Boating accesses	☐ State parks	☐ National forests	☐ Nature trails	☐ Stairs/walkway		
☐ No trespass sign	Fence	☑ Steep slopes	☐ Other:	☐ Other:		
man Uses Observed ☐ Swimming	l*: ☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing		
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading			
☐ Hunting				Rafting		
	☐ Trapping	Fishing reating frequency of use ph	None of the above noto-documentation of eviden			
dence of Human Us	se*:					
Roads	☐ Foot paths/prir	its	☐ Livestock Watering	g □ RV / ATV Track		
☐ Rope swings	☐ Camping Sites	☐ Fire pit/ring	☐ NPDES Discharge	☐ Fishing Tackle		
☐ Other:						
		4				
rces of Pollution: (e	.g., trash dumping, ti	res, drainages, discharges, e	tc.)			

MB

Date: <u>06 / :</u>	25/06					
	Dat	a Sheet B - Site	Characterizatio	on – 2 of 3		
Stream Morp Upstream	ohology: View Physical Dir	nensions:		۸. (7.5	3/18
	Distance from access point (m)	Width (m)	Length ((m)	Avg. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run	15 m	4,5,	n 15 n	1		. 7
☐ Pool	ľ	j	1		63.0	J
⊠ Flow	Present? ☐ Yes	⊡′No	Velocity (ft/s	sec):		
Downstrea	ım View Physical l	Dimensions:	No acc	- G		
	Distance from access point (m)	Width (m)	7 66		Avg. Depth (m)	Max Depth (m)
☐ Riffle						
□ Run						
□ Pool						
▼ Flow	Present?	⊠ No	Velocity (ft/s	ec):		
Substrate*: (These values should ac	ld up to 100%)				
		Gravel 6	/ % Sand	3 Silt	< % Mud/Clay	% Bedrock
4. 1. 17	4 4 4 4					
Aquatic vege	tation*: (Note amoun			ssessment site	e.)	
	n,	one obs	served			
Water Chara	cteristics*: (Mark al	I that apply.)				
Odor:	☐ Sewage	☐ Musky	☐ Chemical	□ None	☐ Other:	
Color:	□ Clear	☐ Green	□ Gray	☑ Milky	☐ Other:	
Bottom Depo	osit: 🗆 Sludge	☐ Solids	☐ Fine sediments	☐ None	☐ Other:	
Surface Depo	osit: 🗆 Oil	□ Scum	☐ Foam	☑ None	☐ Other:	

WBID # <u>₹ ७५</u> Site # <u>७</u>₹७

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WBID # <u>\$09</u> Site # <u>787</u>

Date: <u>06/25/06</u>

Data Sheet B - Site Characterization - 3 of 3

omments: Please describe any departures from protocol and the reasons for departure (e.g., unanticipated unique local
onditions, problems in measuring, site relocation)
Overgroup and Barbel nive force No deeper than
.5 m (non-visual estimate) Estimated by size of the reparison zone.

WBID #_	804	_ Site # _	787
Date:	<u>/ 25 /</u>	200Ce	

Field Data Sheets for Recreational Use Stream Surveys

Data Sheet C - Interviews

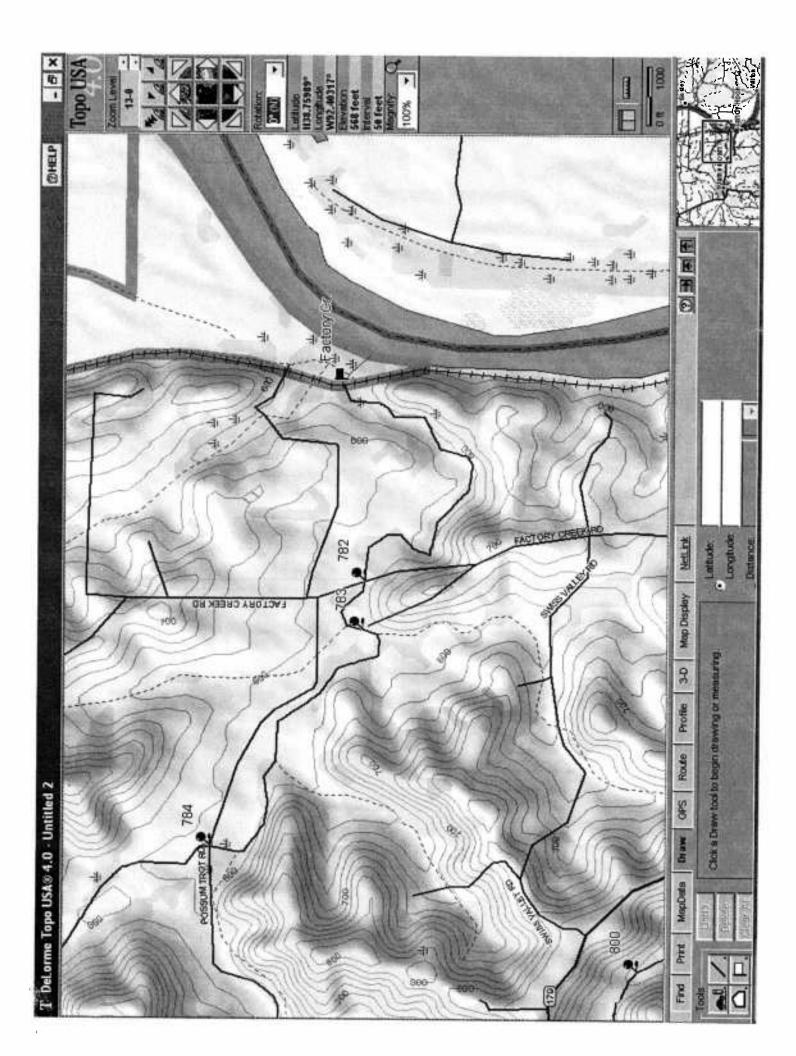
	(Make addition	nal copies as necess	sary for multiple inter	views)
1. Do you live i		Yes □ No lived here?		
2. Have you pe	rsonally used thi	is water body for re hat apply:	creation since 1975?	□ Yes □ No
☐ Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	☐ Boating	□ Wading	☐ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
	☐ 1 – 5 times ☐ Less than ————	1 time per year – pl	lease describe:	
If so, plea	ase check ALL to	hat apply:		
Swimming	☐ Skin diving	☐ SCUBA diving	☐ Tubing	☐ Water skiing
☐ Wind surfing	☐ Kayaking	Boating	□ Wading	□ Rafting
☐ Hunting	☐ Trapping	☐ Fishing	☐ None of the above	☐ Other:
How often have you observed it being used for recreation? More than 5 times per year 1 - 5 times per year Less than 1 time per year – please describe:				
4. Additional Co	omments:			
Contact Informa	ation (if willing	to provide):		

Address:

Telephone #:

@HELP 300 四里里回 Lattude Click is Draw took to begin drawing or measuring × Profile Route T DeLorme Topo USA® 4.0 - Untitled 2 MapDete Print

FACTORY CK





Site# 782 Photo ID# 804, Upstream



Site# 783 Photo ID# 806, Upstream



Site# 782 Photo ID# 803, Downstream



Site# 783 Photo ID# 805, Downstream



Site# 784 Photo ID# 802, Upstream



Site# 785 Photo ID# 799, Upstream



Site# 784 Photo ID# 801, Downstream



Site# 785 Photo ID# 800, Downstream



Site# 786 Photo ID# 796, Upstream

No photo



Site# 786 Photo ID# 795, Downstream



Site# 786 Photo ID# 798, Cows

Site# 786 Photo ID# 797, Cows



Site# 787 Photo ID# 794, Upstream



Site# 787 Photo ID# 793, Barbwire fence



Site# 787 Photo ID# 792, Downstream